

NASA Case No. LAR 16220-1

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
Joycelyn S. Harrison et al. :
Serial No.: 09/696,527 : Examiner: Medley, Peter M.
Filed: September 23, 2000 : Art Unit: 2834
For: MEMBRANE TENSION CONTROL

AFFIDAVIT OF ROBIN W. EDWARDS

State of Virginia
City of Hampton, to wit:

This affidavit is being submitted in support of the entry of the amendatory material and accompanying remarks presented in the Applicants' office action response filed September 4, 2002, as well as the remarks contained in the accompanying Amendment, dated April 4, 2003. This Amendment is being filed in response to the U.S. Patent and Trademark Office Action issued in the above-cited case, dated October 8, 2002.

Robin W. Edwards, being duly sworn, deposes and says:

1. I am the practitioner representing the Applicant in the above-cited case, as such, I am familiar with the contents of the instant application, as well as the contents of the accompanying Amendment and the Amendment submitted September 4, 2002.
2. That, based on my understanding of the invention and related art, FIG. 2 in the above-identified patent application, as filed, appropriately did NOT designate FIG. 2 as prior art.
3. That, based on my understanding of the invention and related art, that FIG. 2 shows a novel element, actuator 140, of the invention, and to my knowledge is not prior art. To my knowledge, it is only the membrane structure that is prior art, and identified as such in the application (PRIOR ART designation in FIG. 1 and specification).

{00008590:1 }

4. That the amendments to the specification to the above-identified patent application filed September 4, 2002 clarify the aforementioned item (3).

Further deponent sayeth not.

Robin W. Edwards
Robin W. Edwards
Reg. No. 39,179

Sworn to and subscribed before me this 4th
day of April 2003, in the aforesaid City and State.

Tina L. Dempsey
Tina L. Dempsey
Notary Public

My commission expires: September 30, 2003

(00008590:1)

NASA Case No. LAR 16220-1

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
Joycelyn S. Harrison et al. :
Serial No.: 09/696,527 : Examiner: Medley, Peter M.
Filed: September 23, 2000 : Art Unit: 2834
For: MEMBRANE TENSION CONTROL

AFFIDAVIT OF JOYCELYN S. HARRISON UNDER 37 C.F.R. 1.132

STATE OF VIRGINIA
CITY OF HAMPTON, to wit:

I, Joycelyn S. Harrison, being duly sworn, depose and say:

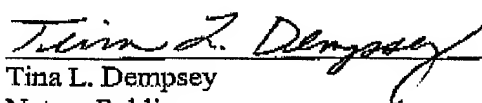
1. That I am an inventor named in the above-identified patent application.
2. That FIG. 2 in the above-identified patent application, as filed, appropriately did NOT designate FIG. 2 as prior art.
3. That FIG. 2 shows a novel element, actuator 140, of the invention, and to my knowledge is not prior art. It is only the membrane structure that is prior art, and identified as such in the application (PRIOR ART designation in FIG. 1 and specification).
4. That the amendments to the specification to the above-identified patent application filed September 4, 2002 clarify the aforementioned item (3).

(00008580;1)

Further deponent sayeth not.


JOYCELYN S. HARRISON

Sworn to and subscribed before me this 4th
day of April 2003 in the aforesaid City and State.


Tina L. Dempsey
Notary Public

My Commission expires: September 30, 2003

{0000R5B9:1 }